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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/535,637	11/23/2005	Declan Patrick Kelly	CN 020017	7684
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EXAMINER				
SETO, JEFFREY K				
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/535,637

Applicant(s)

KELLY ET AL.

Examiner

Jeffrey Seto

Art Unit

2446

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 November 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 November 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-8508)
- Paper No(s)/Mail Date 12-01-2006
- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-40 are pending.

Priority

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file. Since no English translation of the Chinese priority document has been received, the effective filing date of this application remains the filing date of the PCT application, 11-20-2003.

Information Disclosure Statement

3. The information disclosure statement (IDS) submitted on 12-1-2006 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claim 14 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
5. Regarding claim 14, it is not clear whether "the database" in line 6, refers to the "database" introduced in line 3 of the claim, or the "database" introduced in line 2 of

claim 11. For examination purposes, it has been interpreted as referring to the database introduced in line 3 of claim 14.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-5, 8-25 & 28-40 are rejected under 35 U.S.C. 102(e) as being anticipated by International Patent Application Publication No. WO 02/15024 A1 to Siah, et al. (Siah).

7. Regarding claim 1, Siah teaches a WebDVD player, comprising: means for deriving a title identification (Title_ID) of a legacy DVD disc, the Title_ID being a unique identifier of a title of the disc (See page 7, lines 19-20; wherein the unique DVD signature is an identifier of the title of the disc); and means for linking the disc to a related web site based on the derived Title ID (See page 9, lines 24-25).

8. Regarding claim 2, Siah teaches the Title_ID is derived in accordance with a method specified in a database (See: page 14, lines 20-31 for a first method; page 15, lines 5-19 for a second method; and page 11, lines 18-19 for a database; wherein the methods can be stored in the database).

9. Regarding claim 3, Siah teaches means for determining whether the derived Title_ID matches an expected value indicated in the database that is associated with the specified method (See page 11, lines 18-24; wherein ID's that lead to found records are expected values).
10. Regarding claim 4, Siah teaches means for retrieving a universal resource locator (URL) in the database that is associated with the expected value if the derived Title_ID matches the expected value (See page 10, lines 3-4).
11. Regarding claim 5, Siah teaches the Title_ID is derived by retrieving a unique identifier from a pre-selected location of the disc (See page 7, lines 19-21; wherein the C-PBIT is different for every movie, and is located in a pre-selected area of the disc).
12. Regarding claim 8, Siah teaches the Title_ID is a Volume Set ID in a Universal Disc Format (UDF) file system of the disc (See page 13, lines 14-17; wherein the volume descriptor is the equivalent of volume set ID, and the Universal Disc Format is inherently used).
13. Regarding claim 9, Siah teaches the Title_ID is derived based on selected data available on the disc (See page 7, lines 19-21).
14. Regarding claim 10, Siah teaches means for retrieving a provider unique identification (PVR_ID) from the disc (See page 13, lines 15-17); wherein the Title_ID is derived based on the retrieved PVR ID of the disc (See page 13, lines 15-17; wherein the Title Information is applicant's Title ID).
15. Regarding claim 11, Siah teaches means for storing a database containing a list of universal resource locators (URLs) for linking to web sites of pre-selected content

providers, and a table of expected Title_IDs associated with the individual URLs (See page 10, lines 3-4; wherein the DVD signature is the equivalent of applicant's Title_ID); means for determining whether the retrieved PVR ID matches a corresponding URL in the list (See page 14, lines 10-13); and means for searching through the Title_IDs in the table that are associated with the corresponding URL for finding a matching Title_ID (See page 13, lines 3-5).

16. Regarding claim 12, Siah teaches the database further includes a list of methods for deriving the Title_ID of a disc, the expected Title_IDs being respectively associated with the methods and derivable in accordance with the respective methods (See page 14, lines 20-21, and page 15, lines 5-19 & 25-26 for methods of deriving; and, page 11, line 19, for a local database); wherein the Title ID is derived in accordance with a method specified in the table (See page 15, lines 5-19); wherein the searching means determines whether the derived Title ID matches an expected Title_ID in the table (See page 13, lines 18-19).

17. Regarding claim 13, Siah teaches if the derived Title_ID fails to match any expected Title_ID in the table, the linking means links the disc to a general web site of a content provider using the corresponding URL (See page 11, lines 26-28, and page 12, lines 7-9).

18. Regarding claim 14, Siah teaches means for accessing a source web site, if the derived Title ID does not match any expected Title_ID in the table, the source web site containing a database which includes a list of universal resource locator (URL) links to related web sites and their associated PVR_IDs and Title_IDs (See page 11, line 26 to

page 12, line 4); means for searching a corresponding URL in the database based on the retrieved PVR_ID and derived Title_ID (See page 12, lines 5-9); and means for linking the disc to a related web site using the corresponding matching URL (See page 12, lines 23-25).

19. Regarding claim 15, Siah teaches the Title_ID is derived based on selected data available on the disc (See page 7, lines 19-21).

20. Regarding claim 16, Siah teaches a WebDVD player, comprising: means for retrieving a provider unique identification (PVR_ID) from a legacy DVD disc (See page 7, lines 19-21; wherein the C-PBIT is a PVR_ID); means for deriving a title identification (Title_ID) from the disc in a default manner, the Title_ID being a unique identifier of a title of the disc (See page 13, lines 14-17); means for accessing a source web site containing a database which includes a list of universal resource locator (URL) links to related web sites and their associated PVR_IDs and Title_IDs (See page 10, lines 7-12); means for searching a corresponding URL in the database based on the retrieved PVR_ID and derived Title_ID (See page 10, lines 13-16); and means for linking the disc to a related web site using the corresponding matching URL (See page 10, lines 20-21).

21. Regarding claim 17, Siah teaches the database further includes a list of methods for deriving the Title_ID of a disc, the methods being associated with the Title_IDs which are derivable in accordance with the respective methods (See page 14, lines 20-31, page 15, lines 5-19 & 25-26, and page 11, lines 18-19).

22. Regarding claim 18, Siah teaches means for deriving the Title_ID of the disc in accordance with a method specified in the database, if the corresponding URL cannot

be found by the searching means (See page 15, lines 5-19); and means for determining whether the derived Title_ID matches a Title_ID indicated in the database that is associated with the specified method (See page 13, lines 18-19); wherein the searching means searches an associated URL in the database based on the retrieved PVR_ID and the matching Title_ID (See page 12, lines 5-9); wherein the linking means links the disc to a related web site using the associated URL (See page 10, lines 7-9).

23. Regarding claim 19, Siah teaches the method specified indicates retrieving a unique identifier from a pre-selected location of the disc (See page 7, lines 19-21).

24. Regarding claim 20, Siah teaches the Title_ID is derived based on selected data available on the disc (See page 7, lines 19-21).

25. Regarding claim 21, Siah teaches a method for linking a legacy DVD disc to a related web site, the method comprising the steps of: deriving a title identification (Title_ID) of the disc, the Title_ID being a unique identifier of a title of the disc (See page 7, lines 19-20); and linking the disc to a related web site based on the derived Title_ID (See page 9, lines 24-25).

26. Regarding claim 22, Siah teaches the Title_ID is derived in accordance with a method specified in a database (See: page 14, lines 20-31 for a first method; page 15, lines 5-19 for a second method; and page 11, lines 18-19 for a database).

27. Regarding claim 23, Siah teaches determining whether the derived Title_ID matches an expected value indicated in the database that is associated with the specified method (See page 11, lines 18-24).

28. Regarding claim 24, Siah teaches retrieving a universal resource locator (URL) in the database that is associated with the expected value if the derived Title_ID matches the expected value (See page 10, lines 3-4).

29. Regarding claim 25, Siah teaches the Title ID is derived by retrieving a unique identifier from a pre-selected location of the disc (See page 7, lines 19-21; wherein the C-PBIT is different for every movie, and is located in a pre-selected area of the disc).

30. Regarding claim 28, Siah teaches the Title ID is a Volume Set ID in a Universal Disc File (UDF) file system of the disc (See page 13, lines 14-17; wherein the volume descriptor is the equivalent of volume set ID, and the Universal Disc Format is inherently used).

31. Regarding claim 29, Siah teaches the Title_ID is derived based on selected data available on the disc (See page 7, lines 19-21).

32. Regarding claim 30, Siah teaches retrieving a provider unique identification (PVR_ID) from the disc (See page 7, lines 19-20); wherein the Title_ID is derived based on the retrieved PVR_ID of the disc (See page 13, lines 14-17).

33. Regarding claim 31, Siah teaches pre-storing a database containing a list of universal resource locators (URLs) for linking to web sites of pre-selected content providers, and a table of expected Title_IDs associated with the individual URLs (See page 10, lines 3-4); determining whether the retrieved PVR_ID matches a corresponding URL in the list (See page 10, lines 5-6); and searching through the Title_IDs in the table that are associated with the corresponding URL for finding a matching Title_ID (See page 10, lines 3-4).

34. Regarding claim 32, Siah teaches the database further includes a list of methods for deriving the Title_ID of a disc, the expected Title_IDs being respectively associated with the methods and derivable in accordance with the respective methods (See page 14, line 20, page 15, lines 5 & 25-26, and page 11, line 19); wherein the Title_ID is derived in accordance with a method specified in the table (See page 15, lines 5-19); wherein the searching step includes a step of determining whether the derived Title_ID matches an expected Title_ID in the table (See page 13, lines 18-19).

35. Regarding claim 33, Siah teaches accessing a source web site, if the derived Title_ID does not match any expected Title_ID in the table, the source web site containing a database which includes a list of universal resource locator (URL) links to related web sites and their associated PVR_IDs and Title_IDs (See page 11, line 26 to page 12, line 4); searching a corresponding URL in the database based on the retrieved PVR_ID and derived Title_ID (See page 12, lines 5-9); and linking the disc to a related web site using the corresponding matching URL (See page 12, lines 23-25).

36. Regarding claim 34, Siah teaches a method for linking a legacy DVD disc to a related web site, the method comprising the steps of: retrieving a provider unique identification (PVR_ID) from a legacy DVD disc (See page 7, lines 19-21); deriving a title identification (Title_ID) from the disc in a default manner, the Title_ID being a unique identifier of a title of the disc (See page 13, lines 14-17); accessing a source web site containing a database which includes a list of universal resource locator (URL) links to related web sites and their associated PVR_IDs and Title_IDs (See page 10, lines 7-12); searching a corresponding URL in the database based on the retrieved PVR_ID

and derived Title_ID (See page 10, lines 13-16); and linking the disc to a related web site using the corresponding matching URL (See page 10, lines 20-21).

37. Regarding claim 35, Siah teaches the database further includes a list of methods for deriving the Title_ID of a disc, the methods being associated with the Title_IDs which are derivable in accordance with the respective methods (See page 11, line 19; page 14, line 20; and, page 15, lines 5 & 25-26).

38. Regarding claim 36, Siah teaches deriving the Title_ID of the disc in accordance with a method specified in the database, if the corresponding URL cannot be found (See page 15, lines 5-19); and determining whether the derived Title_ID matches a Title ID indicated in the database that is associated with the specified method (See page 13, lines 18-19); wherein the searching step searches an associated URL in the database based on the retrieved PVR_ID and the matching Title_ID (See page 12, lines 5-9); wherein the linking step links the disc to a related web site using the associated URL (See page 10, lines 7-12).

39. Regarding claim 37, Siah teaches the Title_ID is derived based on selected data available on the disc (See page 7, lines 19-21).

40. Regarding claim 38, Siah teaches means for periodically updating the database and the table stored by the storing means with information from the source web site (See page 11, lines 26-28).

41. Regarding claim 39, Siah teaches means for caching an address of a website address each time the web site is accessed (See page 4, lines 7-9; wherein the PC inherently includes a cache memory).

42. Regarding claim 40, Siah teaches means for allowing a user to manually update the database and the table stored by the storing means with new information (See page 11, lines 28-30; wherein user input is required to update the DB; and, page 13, lines 12-13).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

43. Claims 5-6 & 26-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Siah, as applied to claims 2 and 25 above, in view of Official Notice.

44. Regarding claims 5 & 26, Siah teaches the invention as described in claims 2 and 25. Siah does not specifically teach that the pre-selected location on the disc for the unique identifier is the burst cutting area. However, the examiner takes Official Notice that it would have been obvious, to one of ordinary skill in the art, at the time of the invention, to place the unique identifier in the burst cutting area of a DVD, since doing so would have provided a well known, standard, location for the identifier, thereby making the unique identifier easy to find.

45. Regarding claims 6 & 27, Siah teaches the invention as described in claims 2 and 25. Siah does not specifically teach that the pre-selected location on the disc for

the unique identifier is a private data sector. However, the examiner takes Official Notice that it would have been obvious, to one of ordinary skill in the art, at the time of the invention, to place the unique identifier in a private data sector of a DVD, since doing so would have provided an established and dedicated location for the identifier, thereby making the unique identifier easy to find.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey Seto whose telephone number is (571)270-7198. The examiner can normally be reached on Monday thru Thursday and alt. Fridays, 9AM-6:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Pwu can be reached on (571) 273-6798. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JKS
11/13/2008

/Joseph E. Avellino/
Primary Examiner, Art Unit 2446